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FILE COVERS 1907 - 8 Jan 2007 VOL 146 ISS 3

FILE LAST UPDATED: 7 Jan 2007 (20070107/ED)

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=> s polyfluoroalkyl iodide (p) ethylene (p) copper

1610 POLYFLUOROALKYL  
1 POLYFLUOROALKYLS  
1610 POLYFLUOROALKYL  
(POLYFLUOROALKYL OR POLYFLUOROALKYLS)  
180541 IODIDE  
24898 IODIDES  
190628 IODIDE  
(IODIDE OR IODIDES)  
91 POLYFLUOROALKYL IODIDE  
(POLYFLUOROALKYL(W) IODIDE)  
538368 ETHYLENE  
3381 ETHYLENES  
539855 ETHYLENE  
(ETHYLENE OR ETHYLENES)  
918588 COPPER  
443 COPPERS  
918652 COPPER  
(COPPER OR COPPERS)

L1            1 POLYFLUOROALKYL IODIDE (P) ETHYLENE (P) COPPER

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NEWS	4	AUG 28	ADISCTI Reloaded and Enhanced
NEWS	5	AUG 30	CA(SM)/Cplus(SM) Austrian patent law changes
NEWS	6	SEP 21	CA/Cplus fields enhanced with simultaneous left and right truncation
NEWS	7	SEP 25	CA(SM)/Cplus(SM) display of CA Lexicon enhanced
NEWS	8	SEP 25	CAS REGISTRY(SM) no longer includes Concord 3D coordinates
NEWS	9	SEP 25	CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine
NEWS	10	SEP 28	CEABA-VTB classification code fields reloaded with new classification scheme
NEWS	11	OCT 19	LOGOFF HOLD duration extended to 120 minutes
NEWS	12	OCT 19	E-mail format enhanced
NEWS	13	OCT 23	Option to turn off MARPAT highlighting enhancements available
NEWS	14	OCT 23	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS	15	OCT 23	The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS	16	OCT 30	CHEMLIST enhanced with new search and display field
NEWS	17	NOV 03	JAPIO enhanced with IPC 8 features and functionality
NEWS	18	NOV 10	CA/Cplus F-Term thesaurus enhanced
NEWS	19	NOV 10	STN Express with Discover! free maintenance release Version 8.01c now available
NEWS	20	NOV 20	CAS Registry Number crossover limit increased to 300,000 in additional databases
NEWS	21	NOV 20	CA/Cplus to MARPAT accession number crossover limit increased to 50,000
NEWS	22	DEC 01	CAS REGISTRY updated with new ambiguity codes
NEWS	23	DEC 11	CAS REGISTRY chemical nomenclature enhanced
NEWS	24	DEC 14	WPIDS/WPINDEX/WPIX manual codes updated
NEWS	25	DEC 14	GBFULL and FRFULL enhanced with IPC 8 features and functionality
NEWS	26	DEC 18	CA/Cplus pre-1967 chemical substance index entries enhanced with preparation role
NEWS	27	DEC 18	CA/Cplus patent kind codes updated
NEWS	28	DEC 18	MARPAT to CA/Cplus accession number crossover limit increased to 50,000
NEWS	29	DEC 18	MEDLINE updated in preparation for 2007 reload
NEWS	30	DEC 27	CA/Cplus enhanced with more pre-1907 records

NEWS EXPRESS    NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

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=> d 11 ibib ab

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2003:1006848 CAPLUS  
DOCUMENT NUMBER: 140:17105  
TITLE: Metallic copper catalyst for polyfluoroalkylethyl  
iodide production and process for producing  
polyfluoroalkylethyl iodides  
INVENTOR(S): Funakoshi, Yoshiro; Miki, Jun  
PATENT ASSIGNEE(S): Daikin Industries, Ltd., Japan  
SOURCE: PCT Int. Appl., 21 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003106023	A1	20031224	WO 2003-JP7643	20030617
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2003241701	A1	20031231	AU 2003-241701	20030617
CN 1662302	A	20050831	CN 2003-814144	20030617
US 2005250966	A1	20051110	US 2004-516940	20041215
PRIORITY APPLN. INFO.:			JP 2002-175381	A 20020617
			WO 2003-JP7643	W 20030617

OTHER SOURCE(S): MARPAT 140:17105

AB Copper catalyzes the addition of ethylene to polyfluoroalkyl iodides to prepare polyfluoroalkylethyl iodides. Thus, 138.6 g C2F5I, 8.21 g Cu, and 1.0 MPa C2H4 were heated 80 min at 80° to give perfluoroethylethyl iodide at selectivity 99.8% and C2F5I conversion 99.5%.

REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s polyfluoromethyl iodide (p) (ethylene) (P) copper

17 POLYFLUOROMETHYL  
180541 IODIDE  
24898 IODIDES  
190628 IODIDE  
(IODIDE OR IODIDES)  
0 POLYFLUOROMETHYL IODIDE  
(POLYFLUOROMETHYL(W) IODIDE)  
538368 ETHYLENE  
3381 ETHYLENES  
539855 ETHYLENE  
(ETHYLENE OR ETHYLENES)  
918588 COPPER  
443 COPPERS  
918652 COPPER  
(COPPER OR COPPERS)

L2 0 POLYFLUOROMETHYL IODIDE (P) (ETHYLENE) (P) COPPER

=> d his

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L1 1 S POLYFLUOROALKYL IODIDE (P) ETHYLENE (P) COPPER  
L2 0 S POLYFLUOROMETHYL IODIDE (P) (ETHYLENE) (P) COPPER

=> s polyfluoroethyl iodide (p) (ethylene) (P) copper

17 POLYFLUOROETHYL  
180541 IODIDE  
24898 IODIDES  
190628 IODIDE  
(IODIDE OR IODIDES)  
0 POLYFLUOROETHYL IODIDE  
(POLYFLUOROETHYL(W) IODIDE)  
538368 ETHYLENE  
3381 ETHYLENES  
539855 ETHYLENE  
(ETHYLENE OR ETHYLENES)  
918588 COPPER  
443 COPPERS  
918652 COPPER  
(COPPER OR COPPERS)

L3 0 POLYFLUOROETHYL IODIDE (P) (ETHYLENE) (P) COPPER

=> s polyfluoroethyl iodide (l) (ethylene) (l) copper

17 POLYFLUOROETHYL  
180541 IODIDE  
24898 IODIDES  
190628 IODIDE  
(IODIDE OR IODIDES)  
0 POLYFLUOROETHYL IODIDE  
(POLYFLUOROETHYL(W) IODIDE)  
538368 ETHYLENE  
3381 ETHYLENES  
539855 ETHYLENE  
(ETHYLENE OR ETHYLENES)  
918588 COPPER  
443 COPPERS  
918652 COPPER  
(COPPER OR COPPERS)

L4 0 POLYFLUOROETHYL IODIDE (L) (ETHYLENE) (L) COPPER

=> s polyfluoropropyl iodide (l) (ethylene) (l) copper

9 POLYFLUOROPROPYL  
180541 IODIDE  
24898 IODIDES  
190628 IODIDE  
(IODIDE OR IODIDES)  
0 POLYFLUOROPROPYL IODIDE  
(POLYFLUOROPROPYL(W) IODIDE)  
538368 ETHYLENE  
3381 ETHYLENES  
539855 ETHYLENE  
(ETHYLENE OR ETHYLENES)  
918588 COPPER  
443 COPPERS  
918652 COPPER  
(COPPER OR COPPERS)

L5 0 POLYFLUOROPROPYL IODIDE (L) (ETHYLENE) (L) COPPER

=> s polyfluorobutyl iodide (l) (ethylene) (l) copper

3 POLYFLUOROBUTYL

180541 IODIDE  
 24898 IODIDES  
 190628 IODIDE  
           (IODIDE OR IODIDES)  
       1 POLYFLUOROBUTYL IODIDE  
           (POLYFLUOROBUTYL (W) IODIDE)  
 538368 ETHYLENE  
       3381 ETHYLENES  
 539855 ETHYLENE  
           (ETHYLENE OR ETHYLENES)  
 918588 COPPER  
       443 COPPERS  
 918652 COPPER  
           (COPPER OR COPPERS)

L6           0 POLYFLUOROBUTYL IODIDE (L) (ETHYLENE) (L) COPPER

=> s polyfluoropentyl iodide (l) (ethylene) (l) copper

      3 POLYFLUOROPENTYL  
 180541 IODIDE  
 24898 IODIDES  
 190628 IODIDE  
           (IODIDE OR IODIDES)  
       0 POLYFLUOROPENTYL IODIDE  
           (POLYFLUOROPENTYL (W) IODIDE)  
 538368 ETHYLENE  
       3381 ETHYLENES  
 539855 ETHYLENE  
           (ETHYLENE OR ETHYLENES)  
 918588 COPPER  
       443 COPPERS  
 918652 COPPER  
           (COPPER OR COPPERS)

L7           0 POLYFLUOROPENTYL IODIDE (L) (ETHYLENE) (L) COPPER

=> s polyfluorohexyl iodide (l) (ethylene) (l) copper

      0 POLYFLUOROHEXYL  
 180541 IODIDE  
 24898 IODIDES  
 190628 IODIDE  
           (IODIDE OR IODIDES)  
       0 POLYFLUOROHEXYL IODIDE  
           (POLYFLUOROHEXYL (W) IODIDE)  
 538368 ETHYLENE  
       3381 ETHYLENES  
 539855 ETHYLENE  
           (ETHYLENE OR ETHYLENES)  
 918588 COPPER  
       443 COPPERS  
 918652 COPPER  
           (COPPER OR COPPERS)

L8           0 POLYFLUOROHEXYL IODIDE (L) (ETHYLENE) (L) COPPER